



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicant: Toshiyuki HIROTA

Title: ELECTRONIC APPARATUS  
HAVING AN ANTENNA WITH  
VARIABLE DIELECTRIC TO  
OPTIMIZE RADIO  
COMMUNICATIONS AT  
DIFFERENT FREQUENCIES

Appl. No.: Unassigned

Filing Date: CONCURRENTLY HEREWITH

Examiner: Unassigned

Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Toshiyuki HIROTA  
Tokyo, Japan Japan

☐ Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- ☒ Specification, Claim(s), and Abstract (33 pages).
- ☒ Formal drawings (8 sheets, Figures 1-12).
- ☒ Declaration and Power of Attorney (3 pages).
- ☒ Assignment of the invention to KABUSHIKI KAISHA TOSHIBA.

- ☒ Assignment Recordation Cover Sheet.
- ☐ Small Entity statement.
- ☐ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).
- ☒ Information Disclosure Statement.
- ☒ Form PTO/SB/08 with copies of 9 listed reference(s).
- ☒ Application Data Sheet (37 CFR 1.76).
- ☒ Claim for Convention Priority and Priority Document No. PCT/JP03/01537.

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$770.00 =	\$770.00
Total Claims:	19	- 20	= 0	x \$18.00 =	\$0.00
Independents:	2	- 3	= 0	x \$86.00 =	\$0.00
If any Multiple Dependent Claim(s) present:			+	\$290.00 =	\$0.00
				SUBTOTAL: =	\$770.00
<input type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):				=	\$0.00
				TOTAL FILING FEE: =	\$770.00
Assignment Recordation Fee:			+	\$40.00 =	\$40.00
TOTAL FEE				=	\$810.00


- ☒ A check in the amount of \$810.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

[ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date February 10, 2004

By 

FOLEY & LARDNER  
Customer Number: 23392  
Telephone: (310) 975-7895  
Facsimile: (310) 557-8475

David A. Blumenthal  
Attorney for Applicant  
Registration No. 26,257



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 026304-0210

In re patent application of

Toshiyuki HIROTA

Group Art Unit: Unassigned

Appl. No. Unassigned

Examiner: Unassigned

Filing Date: CONCURRENTLY HEREWITH

For: ELECTRONIC APPARATUS HAVING AN ANTENNA WITH VARIABLE DIELECTRIC TO  
OPTIMIZE RADIO COMMUNICATIONS AT DIFFERENT FREQUENCIES

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Commissioner:

I hereby certify that the following paper(s) and/or fee along with any attachments referred to or identified as being attached or enclosed are being deposited with the United States Postal Service as Express Mail (Express Mail Label No. EL977161560US) under 37 C.F.R. § 1.10 on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

1. Utility Patent Application Transmittal
2. Application Data Sheet
3. Specification, claims, and Abstract (33 pages)
4. Formal Drawings (8 sheets, Figures 1-12)
5. Declaration and Power of Attorney (3 pages)
6. Assignment Recordation Cover Sheet
7. Assignment of the invention to KABUSHIKI KAISHA TOSHIBA
8. Information Disclosure Statement
9. Form PTO/SB/08 with 9 listed references
10. Claim for Convention Priority and Priority Document No. PCT/JP03/01537
11. Check No. 16697 (\$810) for filing fee of (\$770) and Assignment fee (\$40)
12. Postcard

Respectfully submitted,

David A. Blumenthal  
Reg. No. 26,257

February 10, 2004  
Date

Foley & Lardner  
2029 Century Park East, 35<sup>th</sup> Floor  
Los Angeles, CA 90067-3021  
Telephone: 310-277-2223  
Facsimile: 310-557-8475